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(54) Title: METHOD AND APPARATUS FOR MITIGATING INTERFERENCE IN A COMMUNICATION SYSTEM

(57) Abstract

A communication system (100) that includes a base unit (101) and a subscriber unit (e.g., 103) employs a method (400) and apparatus (101) for mitigating interference (135) therein. The base unit (101) receives an uplink communication signal from the subscriber unit (103) at an uplink frequency and conveys a downlink communication signal to the subscriber unit (103) at a downlink frequency. Upon receiving (403) an uplink communication signal from the subscriber unit (103), the base unit (101) determines (405) a quality metric for the uplink frequency. When the quality metric is below a quality threshold (407), the base unit (101) and the subscriber unit (103) transfer (415) the communication signal to an alternate uplink frequency, while the downlink frequency remains unchanged.